

WHAT IS CLAIMED IS:

1. A business process managing system comprising:
 - a server device connected to a plurality of client devices through a network, said client devices being
5 installed at different departments inside a company; and
 - an outsider cooperative server connected to a plurality of client devices through a network, said client devices being installed at different departments outside said company,
 - 10 said server device and outsider cooperative server being connected to each other through a network, wherein said server device having,
 - a managing number storage unit which stores a managing number corresponding to the business process;
 - 15 a process information storage unit which stores process information for managing a work flow corresponding to the business process having the managing number stored in said managing number storage unit;
 - a technical information storage unit which stores
20 technical information formed in any of stages constituting the work flow; and
 - a transmission unit which transmits the process information stored in said process information storage unit and the technical information stored in said technical
25 information storage unit to said outsider cooperative server

device,

said outsider cooperative server device having,

a transmission folder storage unit which stores the
process information and the technical information received
5 from said server device in a transmission folder for said
server device;

a receiving folder storage unit which stores the
transmission folder stored by the transmission folder
storage unit in a receiving folder for each of the client
10 devices of the respective departments outside the company;
and

an access permission unit which gives a permission
to said client devices for the respective departments outside
the company to make an access to the receiving folder in
15 accordance with respective conditions.

2. The business process managing system according to
claim 1, wherein said server device further comprises:

an electronic stamping unit which carries out an
20 electronic stamping process on the technical information;
and

a work flow advancing unit which advances the work
flow after the stamping process has been completed.

3. The business process managing system according to claim 1, wherein said server device further comprises:

a template work flow storage unit which stores a template work flow corresponding the business process.

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4. The business process managing system according to claim 3, wherein said server device further comprises:

a work flow alteration unit which alters the template work flow stored in the template work flow storage unit.

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5. The business process managing system according to claim 1, wherein said server device further comprises:

a coding unit which codes the technical information by using a coding key received from each of client devices of respective departments outside the company, wherein

said transmission unit transmits the technical information coded by said coding unit to said outsider cooperative server device.

20 6. The business process managing system according to claim 1, wherein said server device further comprises:

a compressing unit which compresses the technical information; and

a dividing unit which divides the technical information compressed by said compressing unit, wherein

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said transmission unit transmits the technical information divided by the dividing unit to said outsider cooperative server device.

5 7. A server device, which is used in a business process managing system having said server device connected to client devices of respective departments inside a company through a network and an outsider cooperative server connected to client devices of respective departments outside the company through a network, said server device and the outsider cooperative server being connected to each other so as to communicate with each other, said server device comprising:

a managing number storage unit which stores a managing number corresponding to the business process;

15 a process information storage unit which stores process information for managing a work flow corresponding to the business process having the managing number stored in said managing number storage unit;

a technical information storage unit which stores technical information formed in any of stages constituting the work flow; and

20 a transmission unit which transmits the process information stored in said process information storage unit and the technical information stored in said technical information storage unit to said outsider cooperative server

device.

8. The server device according to claim 7, further comprising:

5 an electronic stamping unit which carries out an electronic stamping process on the technical information; and

a work flow advancing unit which advances the work flow after the stamping process has been completed.

10 9. The server device according to claim 7, further comprising:

a template work flow storage unit which stores a template work flow corresponding the business process.

15 10. The server device according to claim 9, further comprising:

a work flow alteration unit which alters the template work flow stored in the template work flow storage unit.

20 11. The server device according to claim 7, further comprising:

a coding unit which codes the technical information by using a coding key received from each of client devices
25 of respective departments outside the company, wherein

said transmission unit transmits the technical information coded by said coding unit to said outsider cooperative server device.

5 12. The server device according to claim 7, further comprising:

a compressing unit which compresses the technical information; and

10 a dividing unit which divides the technical information compressed by said compressing unit, wherein

said transmission unit transmits the technical information divided by said dividing unit to said outsider cooperative server device.

15 13. An outsider cooperative server device, which is used in a business process managing system having a server device connected to client devices of respective departments inside a company through a network and said outsider cooperative server connected to client devices of respective departments
20 outside the company through a network, the server device and said outsider cooperative server being connected to each other so as to communicate with each other, said outsider cooperative server device comprising:

a receiving unit which receives process information
25 for managing a work flow corresponding to the business

process and technical information formed in any of stages constituting the work flow from said server device;

a transmission folder storage unit which stores the process information and the technical information received
5 through said receiving unit in a transmission folder for said server device;

a receiving folder storage unit which stores the transmission folder stored by the transmission folder storage unit in a receiving folder for each of the client
10 devices of the respective departments outside the company; and

an access permission unit which gives a permission to said client devices for the respective departments outside the company to make an access to the receiving folder in
15 accordance with respective conditions.

14. A business process managing method, which uses a business process managing system comprising a server device connected to client devices of respective departments inside
20 a company through a network and an outsider cooperative server connected to client devices of respective departments outside the company through a network, the server device and the outsider cooperative server being connected to each other so as to communicate with each other, the method
25 comprising the steps of:

storing a managing number corresponding to the business process;

storing process information for managing a work flow corresponding to the business process having the stored
5 managing number;

storing technical information formed in any of stages constituting the work flow;

transmitting the stored process information and technical information to said outsider cooperative server
10 device;

storing the process information and the technical information received from said server device in a transmission folder for said server device;

storing the transmission folder in a receiving folder
15 for each of the client devices of the respective departments outside the company; and

giving a permission to said client devices for the respective departments outside the company to make an access to the receiving folder in accordance with respective
20 conditions.

15. The business process managing method according to claim 14, further comprising the steps of:

carrying out an electronic stamping process on the
25 technical information; and

advancing the work flow after the stamping process
has been completed.

16. The business process managing method according to
5 claim 14, further comprising the step of:

storing a template work flow corresponding the
business process.

17. The business process managing method according to
10 claim 16, further comprising the step of:

altering the stored template work flow.

18. The business process managing method according to
claim 14, further comprising the step of:

15 coding the technical information by using a coding
key received from each of client devices of respective
departments outside the company, wherein

the coded technical information is transmitted to said
outsider cooperative server device in the transmission step.

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19. The business process managing method according to
claim 14, further comprising the steps of:

compressing the technical information; and

dividing the compressed technical information,

25 wherein

the divided and compressed technical information is transmitted to said outsider cooperative server device in the transmission step.

5 20. A program, which allows a server device to execute a business process managing method, said server device being used in a business process managing system having said server device connected to client devices of respective departments inside a company through a network and an outsider cooperative server connected to client devices of respective departments outside the company through a network, said server device and the outsider cooperative server being connected to each other so as to communicate with each other, the program making a computer realize the steps of:

10 storing a managing number corresponding to the business process;

storing process information for managing a work flow corresponding to the business process having the stored managing number;

20 storing technical information formed in any of stages constituting the work flow; and

transmitting the stored process information and technical information to said outsider cooperative server device.

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21. The program according to claim 20, further making the computer realize the step of:

carrying out an electronic stamping process on the technical information; and

5 advancing the work flow after the stamping process has been completed.

22. The program according to claim 20, further making the computer realize the step of:

10 storing a template work flow corresponding the business process.

23. The program according to claim 22, further making the computer realize the step of:

15 altering the stored template work flow.

24. The program according to claim 20, further making the computer realize the step of:

coding the technical information by using a coding
20 key received from each of client devices of respective departments outside the company, wherein

the coded technical information is transmitted to said outsider cooperative server device in the transmission step.

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25. The program according to claim 20, further making the computer realize the step of:

compressing the technical information; and

dividing the compressed technical information,

5 wherein

the divided and compressed technical information is transmitted to said outsider cooperative server device in the transmission step.

10 26. A program, which allows an outsider cooperative server device to execute a business process managing method, said outsider cooperative server device being used in a business process managing system having a server device connected to client devices of respective departments inside a company
15 through a network and said outsider cooperative server connected to client devices of respective departments outside the company through a network, the server device and said outsider cooperative server being connected to each other so as to communicate with each other, the program making
20 a computer realize the steps of:

receiving process information for managing a work flow corresponding to the business process and technical information formed in any of stages constituting the work flow from said server device;

25 storing the process information and the technical

information received from said server device in a transmission folder for said server device;

storing the transmission folder in a receiving folder for each of the client devices of the respective departments
5 outside the company; and

giving a permission to said client devices for the respective departments outside the company to make an access to the receiving folder in accordance with respective conditions.

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